Ministry of
Natural
Resources

Ontario

ONTARIO GEOLOGICAL SURVEY

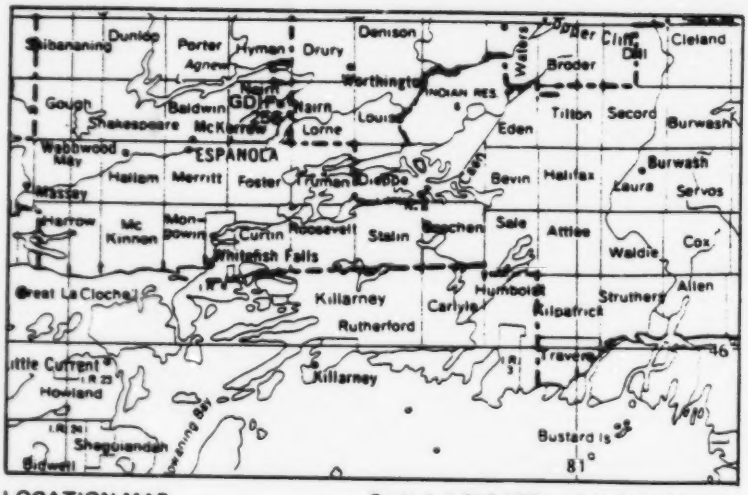
GEOLOGICAL DATA INVENTORY FOLIO

GDIF 256

NAIRN TOWNSHIP

DISTRICT OF SUDBURY

Compiled by the Staff of
the Resident Geologist's Office
Sudbury



LOCATION MAP

Scale 1:1 013 760 or 1 inch to 16 miles

86-1422/

NTS Number 41 I/5

Mining Claim Map Number M 883

STATEMENT: This inventory is unedited. Discrepancies may occur for which the Ontario Geological Survey does not assume liability. Information from this source may be quoted if credit is given. Reference to this inventory should be made as follows:

Ontario Geological Survey

1985: Nairn Township, District of Sudbury; Ontario Geological Survey, Geological Data Inventory Folio 256; Compiled by the Staff of the Resident Geologist's Office, Sudbury, 24p. and 2 maps.

Original Compilation by: Charette, M. Feb.8, 1985

Date	Page Revised	Revised by

Date	Page Revised	Revised by

NAIRN TOWNSHIP

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ACCOMPANYING MAPS

Property Location Map 1 map

Exploration Data Map 1 map

Map Scale 1: 31 680 or 1 inch to ½ mile

CONVERSION FACTORS FOR MEASUREMENTS IN ONTARIO GEOLOGICAL SURVEY PUBLICATIONS

If the reader wishes to convert imperial units to SI (metric) units or SI units to imperial units the following multipliers should be used:

CONVERSION FROM SI TO IMPERIAL			CONVERSION FROM IMPERIAL TO SI		
SI Unit	*Multiplied by*	*Gives*	*Imperial Unit*	*Multiplied by*	*Gives*
		LENGTH			
1 mm	0.039 37	inches	1 inch	**25.4**	mm
1 cm	0.393 70	inches	1 inch	**2.54**	cm
1 m	3.280 84	feet	1 foot	**0.304 8**	m
1 m	0.049 709 7	chains	1 chain	20.116 8	m
1 km	0.621 371	miles (statute)	1 mile (statute)	**1.609 344**	km
		AREA			
1 cm^2	0.155 0	square inches	1 square inch	**6.451 6**	cm^2
1 m^2	10.763 9	square feet	1 square foot	**0.092 903 04**	m^2
1 km^2	0.386 10	square miles	1 square mile	2.589 988	km^2
1 ha	2.471 054	acres	1 acre	0.404 685 6	ha
		VOLUME			
1 cm^3	0.061 02	cubic inches	1 cubic inch	**16.387 064**	cm^3
1 m^3	35.314 7	cubic feet	1 cubic foot	0.028 316 85	m^3
1 m^3	1.308 0	cubic yards	1 cubic yard	0.764 555	m^3
		CAPACITY			
1 L	1.759 755	pints	1 pint	0.568 261	L
1 L	0.879 877	quarts	1 quart	1.136 522	L
1 L	0.219 969	gallons	1 gallon	**4.546 090**	L
		MASS			
1 g	0.035 273 96	ounces (avdp)	1 ounce (avdp)	28.349 523	g
1 g	0.032 150 75	ounces (troy)	1 ounce (troy)	**31.103 476 8**	g
1 kg	2.204 62	pounds (avdp)	1 pound (avdp)	**0.453 592 37**	kg
1 kg	0.001 102 3	tons (short)	1 ton (short)	**907.184 74**	kg
1 t	1.102 311	tons (short)	1 ton (short)	**0.907 184 74**	t
1 kg	0.000 984 21	tons (long)	1 ton (long)	**1016.046 908 8**	kg
1 t	0.984 206 5	tons (long)	1 ton (long)	**1.016 046 908 8**	t
		CONCENTRATION			
1 g/t	0.029 166 6	ounce (troy) ton (short)	1 ounce (troy) ton (short)	34.285 714 2	g t
1 g/t	0.583 333 33	pennyweights ton (short)	1 pennyweight ton (short)	1.714 285 7	g t

OTHER USEFUL CONVERSION FACTORS

1 ounce (troy) ton (short)	20.0	pennyweights ton (short)
1 pennyweight ton (short)	0.05	ounce (troy) ton (short)

One gram(g) per tonne is equivalent to one part per million (1 ppm).

NOTE–Conversion factors which are in bold type are exact. The conversion factors have been taken from or have been derived from factors given in the Metric Practice Guide for the Canadian Mining and Metallurgical Industries published by The Mining Association of Canada in co-operation with the Coal Association of Canada.

DATA SOURCES CHECK LIST

NOTE: The following sources have been searched to compile the data for this area. If no reference data was found the appropriate box is marked 'no'; if reference data was found, the box is marked 'yes'.

All reference data found are included in the following pages. If the box is blank, the data source has not yet been searched. If the box is marked N.A., the source item is Not Applicable to this area and therefore not searched.

	SOURCES OF DATA	Data	Initial
1	Resident Geologist's Office Files	Yes	M.C.
2	Assessment Files Research Office, Toronto	N.A.	M.C.
3	ODM General Index; 9 Volumes	Yes	M.C.
4	Catalogue of Airborne Geophysical Surveys (ODM)	Yes	M.C.
5	ODM Mineral Resources Circulars and OGS Mineral Deposits Circulars	Yes	M.C.
6	ODM Industrial Mineral Reports	Yes	M.C.
7	Bibliography of Post Precambrian Theses - Karrow (ODM MP 1)	No	M.C.
8	Bibliography of Precambrian Theses - Ginn (ODM MP 2)	Yes	M.C.
9	Newspaper Clippings File	Yes	M.C.
10	GSC Index to Publications	Yes	M.C.
11	OGS Index to Published Maps and Reports - MP 77 and Supplements to MP 77	Yes	M.C.
12	OGS Index Maps	Yes	M.C.
13	Source Mineral Deposit Records (O.G.S.) Mineral Occurrences File	Yes	M.C.
14	Author - Subject Articles File	Yes	M.C.
15	Miscellaneous Papers: ODM & OGS	Yes	M.C.
16	ODM Geological Circulars: OGS Study Series , Reports	Yes	M.C.
17	ODM Preliminary Reports: ODM Bulletins	No	M.C.
18	ODM – OGS Open File Reports	Yes	M.C.
19	OGS Northern Ontario Engineering Geology Terrain Studies	Yes	M.C.
20	OGS Aggregate Resources Inventory Papers	No	M.C.
21	OGS Mineral Potential Maps	Yes	M.C.
22	Theses on File, Sudbury	Yes	M.C.
23	Aerial Photographs on File, Sudbury	Yes	M.C.

METALS AND MINERALS REFERENCES LIST

- △ anh. . . . . Anhydrite
- △ ank. . . . . Ankerite
- △ anna . . . . . Annabergite
- △ ap. . . . . Apatite
- △ arg . . . . . Argentite
- △ As . . . . . Arsenic
- △ asp . . . . . Arsenopyrite
- △ asb . . . . . Asbestos
- △ ba. . . . . Barite
- △ be. . . . . Beryl
- △ Bi. . . . . Bismuth
- △ bn . . . . . Bornite
- △ bran . . . . . Brannerite
- △ bruc . . . . . Brucite
- △ Cd . . . . . Cadmium
- △ calc. . . . . Calcite
- △ carb . . . . . Carbonate
- △ cel . . . . . Celestite
- △ cc. . . . . Chalcocite
- ▲ cp. . . . . Chalcopyrite
- △ ch. . . . . Chert
- △ clay . . . . . Clay
- △ Co . . . . . Cobalt
- △ cob. . . . . Cobaltite
- △ cb. . . . . Columbite
- ▲ Cu . . . . . Copper
- △ cor . . . . . Corundum
- △ dol . . . . . Dolomite
- △ ep. . . . . Epidote
- △ ery . . . . . Erythrite
- △ fel . . . . . Feldspar
- △ fl . . . . . Fluorite (flurospar)
- △ fu. . . . . Fuchsite
- △ gn. . . . . Galena
- △ gt . . . . . Garnet
- △ goe . . . . . Goethite
- △ Au . . . . . Gold
- △ gf . . . . . Graphite
- △ gl . . . . . Gravel
- △ gyp. . . . . Gypsum
- △ hem . . . . . Hematite
- △ il . . . . . Ilmenite
- △ Fe . . . . . Iron
- △ IF. . . . . Iron Formation
- △ jas . . . . . Jasper
- △ kaol . . . . . Kaolinite (kaolin)
- △ ky . . . . . Kyanite
- △ Pb . . . . . Lead
- △ lim . . . . . Limonite
- △ Li. . . . . Lithium
- △ mgst . . . . . Magnesite
- △ mag . . . . . Magnetite
- △ mc . . . . . Malachite
- △ Mn . . . . . Manganese
- △ mb . . . . . Marble
- ▲ mar. . . . . Marcasite
- △ ma . . . . . Marl
- △ mi . . . . . Mica
- △ ml . . . . . Millerite
- △ mo . . . . . Molybdenite
- △ Mo . . . . . Molybdenum
- △ mon . . . . . Monazite
- △ ne. . . . . Nephelite (nepheline)
- △ nc. . . . . Niccolite
- ▲ Ni. . . . . Nickel
- △ Nb . . . . . Niobium
- △ Pd . . . . . Palladium
- △ peat . . . . . Peat
- △ pent . . . . . Pentlandite
- ▲ Pt. . . . . Platinum
- ▲ py . . . . . Pyrite
- △ pyl . . . . . Pyrochlore
- △ pyrl . . . . . Pyrolusite
- ▲ po . . . . . Pyrrhotite
- △ q . . . . . Quartz
- △ qcv . . . . . Quartz carbonate vein
- △ ra. . . . . Radioactive minerals
- △ RE . . . . . Rare Earths
- △ sd. . . . . Sand
- △ sgl . . . . . Sand and gravel
- △ ss . . . . . Sandstone
- △ scap . . . . . Scapolite
- △ shee . . . . . Scheelite
- △ serp . . . . . Serpentine
- △ sh. . . . . Shale
- △ sid . . . . . Siderite
- △ si . . . . . Silica
- △ Ag . . . . . Silver
- △ sl . . . . . Slate
- △ sm . . . . . Smaltite
- △ sod . . . . . Sodalite
- △ spec . . . . . Specularite
- △ sp. . . . . Sphalerite
- △ spd . . . . . Spodumene
- △ staur . . . . . Staurolite
- △ stib. . . . . Stibnite
- △ st . . . . . Stone
- △ talc. . . . . Talc
- △ Te . . . . . Tellurium
- △ td. . . . . Tetrahedrite
- △ th. . . . . Thorite
- ▲ Th . . . . . Thorium
- △ thuc . . . . . Thucholite
- △ ti . . . . . Titanite
- △ Ti. . . . . Titanium
- △ tour . . . . . Tourmaline
- △ trap . . . . . Trap rock
- △ W. . . . . Tungsten
- △ uran . . . . . Uraninite
- ▲ U . . . . . Uranium
- △ verm . . . . . Vermiculite
- △ Y . . . . . Yttrium
- △ Zn . . . . . Zinc
- △ zr. . . . . Zircon
- ▲ S. . . . . Sulphide

Solid triangles indicate metal and mineral occurrences shown on the accompanying maps.

MINERAL OCCURRENCES

Map Ref. Letter	Name(s)	Mineralization	Source Mineral Deposit Record	References in OGS Mineral Deposits Circulars & OGS Industrial Mineral Reports	Additional References and/or Remarks
A	Alanen, W. Property Lot 12, Con.1	po,cp	-	-	O.D.M. GR35, O.D.M. Map 2062 Sudbury Files, Nairn 0011-D1
B	Deauville Exploration Ltd. Lot 5 and 6, Con.1	U,Th	-	-	Sudbury Files, Nairn - 0018-A1 - 0022-A1
C	Keba Property Lot 9 and 10, Con.6	pent,py, po,cp	Cu 7	MRC2, p.95 MRC12, p.250	A.R. Vol.38, pt.7, p.33-35, PR. 1950-4, p.5, O.D.M. GR35, p.36 Map 2062
D	Mogul Mining Corporation Ltd. Lot 9, Con.1	py,po,cp pent	Cu 27		Sudbury Files, Nairn - 0019-A1 - 0013-A1
E	Nairn Township Lot 1, Con.2	py	-		O.D.M. GR35, p.35
F	Nairn Township Occurrence Lot 9, Con.2	po,cp	-	MRC12, p.280	O.D.M. GR35, p.35
G	Nairn Township Prospect SE¼, Lot 1, Con.4	po,cp	-	MRC12, p.280	O.D.M. GR35, p.35 O.D.M. Map 2062
H	Nairn Township Lot 8, Con.6	po,cp	-	MRC12, p.280	O.D.M. Map 2062
I	Nairn Township Lots 8 and 9, Con.5 (Prosco Ltd.)	cp,po,py	Cu 6	MRC12, p.280	O.D.M. 1929, Vol.38, pt.7, p.33 Map P.48, Nairn & Lorne Tps.
J	Pays-Bas Prospecting Syndicate (Tenho Lake Prospect) S½ Lot 8, Con.2	py,cp,po, pent, pt	Ni 8	MRC12, p.258	GR35, p.36 O.D.M. Map 2062

GDIF FORM NO. 1

MINERAL OCCURRENCES

Map Ref. Letter	Name(s)	Mineralization	Source Mineral Deposit Record	References in OGS Mineral Deposits Circulars & OGS Industrial Mineral Reports	Additional References and/or Remarks
K	Peterson, Prospect N½, Lot 9, Con.1	py,po,cp	Cu 32	MRC12, p.258	O.D.M. GR35, p.36-37 O.D.M. Map 2062
L	Piispanen Occurrence NE¼, S½ Lot 3, Con.3	po,cp	-	MRC12, p.280	Report on Piispanen Showings K. D. Card, 1963
M	Piispanen Occurrence NE¼, N½, Lot 3, Con.2	Ni,Cu	-	MRC12, p.280	Report on Piispanen Showings K. D. Card, 1963
N	Prosco Ltd. Lot 11, Con.3	Cu	-	-	O.D.M. Sudbury files Baldwin - 0047-A1
O	Prosco Ltd. Lot 6, Con.5	py	-	-	
P	Prosco Ltd. Lot 4, Con.5	py	-	-	
Q	Prosco Ltd. Lot 2, Con.5	py	-	-	
R	W. Alanen Property N½, Lot 3, Con.3	po,pent As,cp,py, mar	-	-	O.D.M. Sudbury files Nairn Township - 0020-E1 - 0012-E1 - 0012-C1 - 0012-A1
S	W. Alanen Property S½, Lot 3, Con.3	Ni,Cu	-	-	

GDIF FORM NO. 1

MALAHAT TOWNSHIP

TYPE OF WORK		Numbers below represent the year in which the work was done; e.g., 68 for 1968.																		
EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE SUDBURY COMPANY/AUTHOR (file number)		GEOLOGICAL	GEOCHEMICAL	TRENCHING, STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATON	SELF POTENTIAL	RESISTIVITY			
1	Alanen, W.			81 70	71 75 77 81	71		70												
2	Arcadia Nickel Corp.				55															
3	Birch Point Mining Ltd. (Great Yukon Mines Ltd. Great Molly Mines Ltd.)	67						67						67						
4	Brown, E. C.			71				71												
5	Buchy, H.			73				73												
6	Cairnglen Explorations Ltd.	69				69		69				69								
7	Card, K. D. (Piispanen Showings)	63																		
8	Consolidated Morrison Exploration Ltd.	77				75			75		75									
9	Crick, E. G.			81	82			81												

GDIF FORM NO. 2

5

TYPE OF WORK		Numbers below represent the year in which the work was done; e.g., 68 for 1968.																		
EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE		GEOLOGICAL	GEOCHEMICAL	TRENCHING, STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATON	SELF POTENTIAL	RESISTIVITY			
COMPANY/AUTHOR (file number)																				
10	Deauville Exploration Ltd.	67			68	67 68		67				67	67	67						
11	Falconbridge Nickel Company Ltd.	54			54 76							54	54							
12	Fundy Bay Copper Mines Ltd.											56	56							
13	Golden Sabre Mines Ltd.	74				75		74				75	74- 75							
14	Grimsell, S.			70				70												
15	Hollinger Mines Ltd.	79				79							78 79	78 79						
16	Johns-Manville Company Ltd.	68				68							68	68						
17	Mogul Mining Corp.	55		55	55			55	55			55	55							
18	Owen, J. P.			81 82	81			81 82				81	81							
19	Pays-Bas Prospecting Syndicate	56, 57		56		56, 57		58				58	58							

GDIF FORM NO. 2

NAIRN TOWNSHIP

TYPE OF WORK		Numbers below represent the year in which the work was done; e.g., 68 for 1968.																		
EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE SUDBURY COMPANY/AUTHOR (file number)		GEOLOGICAL	GEOCHEMICAL	TRENCHING, STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATON	SELF POTENTIAL	RESISTIVITY			
20	Prosco Ltd.	57						57												
21	Rastall, D.			69	68			69												
22	Ronda Copper Mines Ltd.	67			67	67														
23	Sadowski, J.	69										69	69							
24	Schlesinger, H.				75															
25	Sudnor Mining Company Ltd.			71	70			71												
26	Westfield Minerals Ltd.	78												78						
27	White, J.				55															

GDIF FORM NO. 2

DRILL HOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drill Hole Number	Date Drilled	Bearing Azimuth Degrees	Initial Dip of Hole Degrees	Length of Overburden Feet	Length of Hole Feet	Mineralization Noted in Log	Assay Data Included for
1	Alanen, W.	1	71	South	50	2	110	diss. sulphides	Cu.Ni
2		1	75	S28E	55	3.5	77	po,py,mar,cp	-
2a		2	75	N20W	34	0	107	po,py,mar,cp	-
2b		3	75	South	44	1	101	po,py,mar,cp	-
3		1	77	?	?	?	104	?	-
3a		2	77	S50E	45	0	101	po,py	-
3b		3	77	S42E	45	2	104	py,po,cp	-
4		NB1	81	North	45	0	110	S	-
4a		NB2	81	N60W	60	0	32	S	-
4b		NB3	81	N-W	60	0	28	-	-
4c		NB4	81	N-45E	45	0	28	S	-
4d		NB5	81	-	90	0	26	S	-
5	Arcadia Nickel Corp.	1	55	N35W	45	42	34.5	py,cp,po	-
6		2	55	South	45	10	300	po,cp	-
7		3	55	South	45	26	300	po,cp	-
8	Crick, E. G.	NBR1	82	S30W	40	0	104	cp	-
8a		NBR2	82	N10W	50	0	102	cp	-
8b		NBR3	82	S40E	50	0	100	cp	-
8c		NBR4	82	S50E	70	0	104	S	-
9	Falconbridge Nickel Mines	N-xc-1	54	North	42	0	600	py	-
10	Ltd.	N-xc-2	54	231	41	0	200	-	-
11		NR-1	76	S50E	44	0	125	-	-
11a		NR-2	76	S55E	43	0	125	cp	-
11b		NR-3	76	N75W	45	0	131	-	-
12	Mogul Mining Corp. Ltd.	A-2	55	North	45	5	1006	-	-
12a		A-4	55	0	45	8	768	po	-
13		B1	55	206	45	5	100	-	-
14		B2	55	180	45	10	95	-	-
14a		B3	55	180	45	7	100	-	-
14b		B4	55	vert.	90	7	201	-	-
15		B5	55	0	45	40	450	-	-
16		B6	55	0	45	203	707	-	-
17		B7	55	123	45	4	97	-	-

GDIF FORM NO. 3

NAIRN TOWNSHIP

DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth	Initial Dip of Hole	Thickness of Overburden	Total Length of Hole	Mineralization Noted in Log	Assay Data Included for
17a	Mogul Mining Corporation	B8	55	57	45	6	53	cp,po	-
17b	Ltd.	B9	55	332	45	3	71	scattered sulp.	Cu
17c		B10	55	332	60	3	166		Cu
17d		B11	55	145	60	3	165		Cu
17e		B12	55	190	60	3	160	cp,po	
18		B13	55	180	65	5	875	minor sulp.	
19	Deauville Explorations Ltd.	1	68	360	45	22	350	py,po	U,Th
20		2	68	360	45	16	350	py	U,Th
21		3	68	180	45	12	356	-	U,Th
22		4	68	180	45	4	347	-	
23	Owen, J. P.	81-1	81	180	60	0	50	cp,po	-
23a		81-2	81	-	90	0	48	po,cp	-
23b		81-3	81	180	60	0	46	po,cp	-
24	Rastall, D.	S1	68	0	45	1	51	cp,po	-
24a		S-2	68	0	40	0	52	cp,po	-
24b		S-3	68	N-E	40	2	116	cp,po	-
25	Ronda Copper Mines Ltd.	2	67	-	90	22	1306	po,cp	Cu,Ni
26	Schlesinger, H.	GS-1	75	0	45	39	301	cp,py,po	-
26a		GS-2	75	0	45	15	201	-	-
27		GS-3	75	180	35	11	503	py,po,cp	-
28	Sudnor Mining Company Ltd.	1	70	0	60	2	54	-	-
28a		2	70	180	56	2	99	-	-
28b		3	70	0	45	2	104	-	-
29	White, J.	1	55	North	45	0	80	-	-
30		1	55	North	45	0	40	py	-
31		1	55	North	45	0	40	-	-
32		1	55	North	45	0	40	-	-
33		1	55	?	45	0	35	-	-
33a		2	55	?	45	0	48	-	-

GDII FORM NO. 1

AIRBORNE GEOPHYSICAL SURVEY DATA

No.	By / For	Type of Survey	Flight Altitude	Flight Line Direction	Flight Line Spacing
8	Aerodat Ltd. Consolidated Morrison Explorations Ltd.	Aeromagnetic Airborne Radiometric (Thorium, Uranium, Potassium)	125' 175'	N-S N-S	660' 660'

GDIF FORM NO. 4

NAIRN TOWNSHIP

Map Sample Site Reference Number	GEOCHEMICAL SURVEY DATA		By	Reference
	Type of Survey	Analysis For		

GDIF FORM NO. 5

MISCELLANEOUS DATA

AGE DATING

Site	Method	Material	Reference	Result

GDIF FORM NO.

NEWSPAPER CLIPPINGS FILE

NOTE: A file of newspaper clippings about the companies listed below, who have worked in this area, is maintained in the Regional/Resident Geologist's Office. SUDBURY

Deauville Explorations

Northern Miner June 15, 1967

ODM GENERAL INDEX SEARCH

Words searched:

AGNEW LAKE
ALANEN PROPERTY
ARCADIA NICKEL
CONGLOMERATE
FALCONBRIDGE NICKEL
HOLLINGER MINES LTD.
KEBA PROPERTY
MOGUL MINING CORP.
NAIRN TP.
PETERSON PROPERTY
PIISPANEN OCCURRENCE
RAMSEY LAKE FORMATION
SPANISH RIVER
SPANISH BASIN
TENHO LAKE PROSPECT
WABAGISHIK LAKE

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5	NAIRN TP., SUD.			
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7	NAIRN TOWNSHIP, SUD.			
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7	NAIRN CENTRE, NAIRN TP.			
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9	NAIRN TP., SUDBURY DIST.			
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	Geology of the Sudbury-Manitoulin area	GR166		
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Words searched:

Index Volume	Listing:	Report Volume	Part	Page
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	Nairn Tp., Sud. Dist.			
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7	WABAGISHIK LAKE, NAIRN TP.			
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	Mineral prospect	GR35		35
	Rocks	GR35		10,11

GDIF FORM NO. 3

ODM GENERAL INDEX SEARCH

Words searched:

Index Volume	Listing:	Report Volume	Part	Page

GDIF FORM NO. 5

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
		REGIONAL GEOLOGICAL COMPILATION MAPS		
Card, K. D.	1971	Panache Lake Area, West Part	O.D.M. Map P.668	1"=1 mile
	1978	Sudbury-Manitoulin Area	O.G.S. Map 2360	1"=2 miles
Card, K. D. and Lumbers, S. B.	1974,75	Sudbury-Cobalt	O.G.S. Map 2360	1"=2 miles
Thomas, J. E.	1961,68	Espanola Sheet	O.D.M. Map P.105	1"=2 miles
		GEOPHYSICAL MAPS		
		Aeromagnetic Maps		
O.D.M.-G.S.C.	1965	Espanola	1523G	1"=1 mile
O.D.M.	1952	Nairn Township	A-59	1"-¼ mile
O.D.M.-G.S.C.	1965	Sudbury, Ontario	7067G	1"=4 miles
	1976	Uranium Reconnaissance Program Airborne Gamma Ray Spectrometer Survey. Geophysical Series	Map P.1610	1:250,000
Gupta, V. K.	1981	Bouguer Gravity and Generalized Geological Map of the Sudbury-Onaping Lake Area	O.G.S. Map P.2482	1:100,000
		SURFICIAL, PLEISTOCENE, TERRAIN ENGINEERING		
Dep't of Energy, Surveys and Mapping Branch	1975	Topographic Map, Espanola		1:50,000
Gartner, J. F.	1978 1980	N.O.E.G.T.S. Data Base Map, Espanola N.O.E.G.T. Study 99, Espanola Area	5002	1:100,000

GDIF FORM NO.9

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
		MINERAL POTENTIAL MAPS		
O.G.S. & Mineral Resources Branch	1982	Mineral Potential Map of Ontario East Central Sheet	OFR5328	1"=16 miles
Springer, J.	1977	Ontario Mineral Potential, Northern Part of Sudbury Sheet and Part of North Bay Sheet	O.G.S. Map P.1512	1:250,000
		GEOCHEMICAL		
		No Data Available, Feb.8/85		
		GEOLOGICAL REPORTS AND MAPS		
Baer, A. J.	1970	Symposium on Basins and Geosynclines of the Canadian Shield	G.S.C. 70-40	pp.143-158
Barlow, A. E.	1901	Nickel and Copper Deposits of the Sudbury Mining District	AR14, pt.H,	p.113,G.S.C.
Bell, R.	1891	Report on the Sudbury Mining District	G.S.C. AR5, pt.F	
Card, K. D.	1975	Geology of the Panache Lake Area, Dist. of Sudbury and Manitoulin	O.F.R.5123	
	1971	Panache Lake Area (West Part)	O.D.M. Map P.668	1"=1 mile
	1978	Sudbury-Manitoulin Area, Dist. of Sudbury and Manitoulin	O.D.M. GR166 O.D.M. Map 2360	1"=2 miles
Card, K. D., Innes, D. G. and Debicki, R.L.	1974	Stratigraphy, Sedimentology, Huronian Supergroup of Sudbury-Espanola	OFR5107	

GDIF FORM NO.9

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
Coleman, A. P.	1905	The Sudbury Nickel Field	O.D.M. AR. Vol.14, pt.3.	p.145
Ginn, R. M.	1965	Geology of Nairn and Lorne Tp.	GR35 Map 2062	46p. 1"=¼ mile
	1958	Nairn and Lorne Townships	Map P.48	1"=¼ mile
Innes, D. G. and Jost,M.	1977	Nickel Deposits of Ontario, East Central Sheet	Map P.1062	1"=16 miles
Kustra, C. R.	1977	Annual Report of the Regional and Resident Geologists	O.G.S. MP71	
Moore, E. S.	1929	Ore Deposits Near The North Shore of Lake Huron	O.D.M. AR38, pt.7	pp.33-35
O.G.S. and Mineral Resources Branch	1982	Mineral Potential Map of Ontario East Central Sheet Magnetic Compilation Map Geological Compilation Map	OFR5328 Map 2198	 1"=16 miles 1"=16 miles 1"=16 miles
Robertson, J. A.	1975	Uranium and Thorium Deposits of Ontario East Central Sheet	O.G.S. Map P.971	1"=16 miles
Robertson, J. A., Gould, K. L.	1983	Uranium and Thorium Deposits of Northern Ont.	MDC25	p.120,121
Royal Commission	1890	Report of The Royal Commission on The Mineral Resources of Ontario		
Royal Commission	1917	Report of the Royal Ontario Nickel Commission		

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
Shklanka, R.	1969	Copper, Nickel, Lead and Zinc Deposits of Ontario	O.D.M. MRC12	pp.258,280
Thomson, J. E.	1952,57	Copper, Nickel, Lead and Zinc Deposits in Ontario	MRC2,PR1952-4	p.95
	1960	Uranium and Thorium Deposits Dist. Sud.	GR1	
Vos, M. A., Smith, B. A., Stevenato, R. J.	1981	Industrial Minerals of The Sudbury Area	OFR5329	
Yundt, S. E., et al	1983	Industrial Minerals of Ontario	O.G.S. Map P.2591	1:50,000
		JOURNAL ARTICLES, THESES, TECHNICAL REPORTS		
Card, K. D.	1959	The Uranium-bearing Huronian Sediments of the Sudbury District. B.Sc. Queen's	MP2	p.12
	1963	Geology of the Agnew Lake Area, Ontario, a Study in Precambrian Stratigraphy Structure and Metamorphism. Ph.D. Princeton University	Umpub. Thesis	221p.
	1964	Metamorphism in the Agnew Lake Area, Sud. Dist.Ont.	G.S.A. Bull.Vol.75 No.10	p.1011-1030
	1978	Metamorphism of the Middle Precambrian (Aphebian) Rocks of The Eastern Southern Province	G.S.C. 78-10	p.269-282
Casshyap, S. M.	1966	Sedimentary Petrology and Stratigraphy of the Huronian Rocks South of Espanola, Ont. Ph.D., Western	Sudbury Theses File No.2	
Cooke, H. C.	1946	Problems of Sudbury Geology	G.S.C. Bull. No.3	

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
Eade, K. E.	1950	The Huronian Rocks of North Western Ontario. M.Sc., McG.	MP2	p.17
Ginn, R. M.	1960	The Relationship of the Bruce Series to the Granites in the Espanola Area. Ph.D., UT.	Sud. Theses File, No.13	
Long, D. G. F	1978	Depositional Environments of a thick Proterozoic sandstone; the (Huronian) Mississagi Formation of Ontario	Can. J. Earth Sci., Vol.15	pp.190-206
Palonen, P. A.	1971	Stratigraphy and Deformational Environment of the Mississagi Fm., Ont. M.Sc. Calgary	Sudbury Theses File, No.18	
Quirke, T. T.	1915	Geology of Espanola District, Ont. Ph.D., UC.	MP2	p.38
Roscoe, S. M.	1969	Huronian Rocks and Uraniferous Conglomerates	G.S.C. Paper 68-40	205p.
Young, D. A.	1962	Radioactive Conglomerates of the Agnew Lake Area District of Sudbury, Ont. B.Sc. Princeton	Unpub. Thesis	
Young, G. M.	1981	Diamictites of The Early Proterozoic Earth's pre-Pleistocene Ramsay Lake and Bruce Formations, Glacial Record, North Shore of Lake Huron, Ont.	Earth's Pre-Pleistocene Glacial Record.Cambridge U. Press	p.813-816
	1973	Origin of the carbonate-rich Early Proterozoic Espanola Formation	G.S.A. Bull., Vol.84	pp.135-160

GDIF FORM NO.4

NAIRN TOWNSHIP

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages

GDIF FORM NO. 9

NOTES AND ADDENDA

Aerial Photographs Index

Scale 1"=¼ mile

Year	Roll	Line	Numbers
1946	19	161	19-26
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	17	163	17-24
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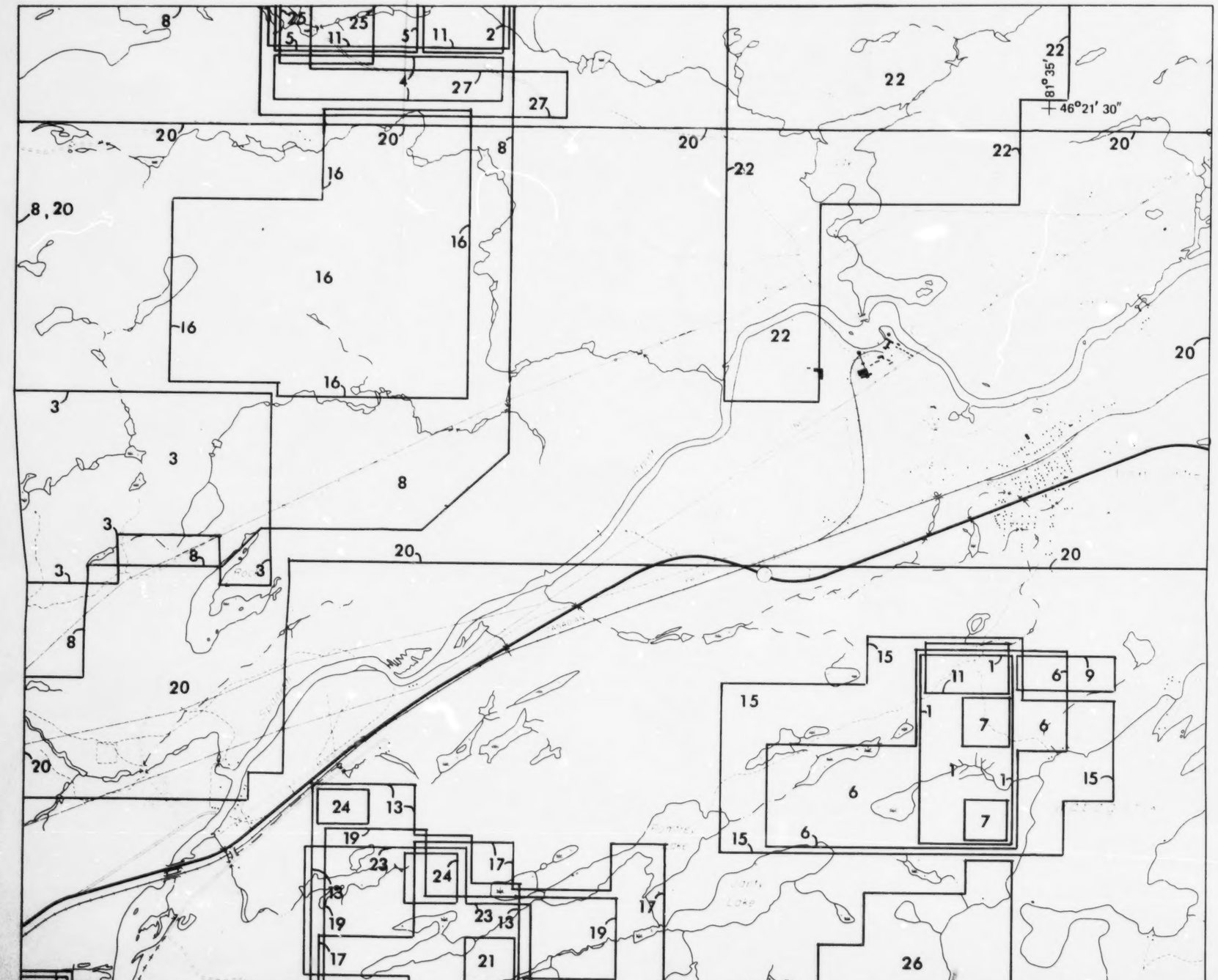
	14	165	15-22

GDIF FORM NO.10



Ministry of Natural Resources
Ontario

ONTARIO GEOLOGICAL SURVEY

PROPERTY LOCATION MAP

GEOLOGICAL DATA INVENTORY FOLIO 256

(Map **1** of **2**)

NAIRN TOWNSHIP

DISTRICT OF SUDBURY

Scale 1:31 680

Mile 0.5 0 0.5 1 Mile

Kilometre 0.5 0 0.5 1 Kilometre

PROPERTY LOCATION MAP

GEOLOGICAL DATA INVENTORY FOLIO 256

(Map 1 of 2)

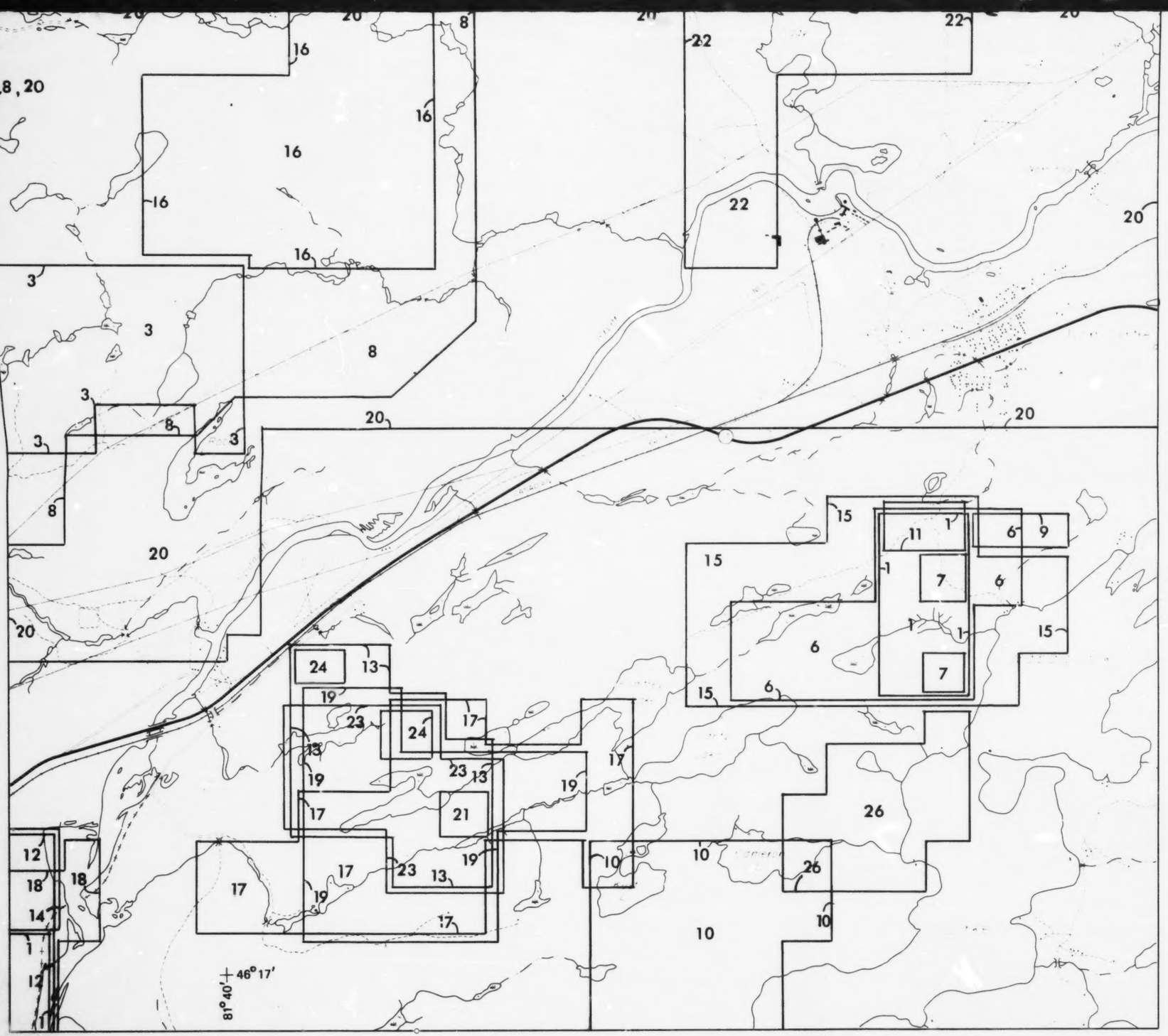
NAIRN TOWNSHIP

DISTRICT OF SUDBURY

Scale 1:31 680

Mile 0.5 0 0.5 1 Mile

Kilometre 0.5 0 0.5 1 Kilometre



EXPLORATION DATA FILE AREAS

Reference number is always inside work area outlined. See listing in text pages.

Small area of exploration.

TYPES OF DATA SHOWN ON THIS MAP

GEOCHEMICAL AND GEOCHRONOLOGICAL DATA

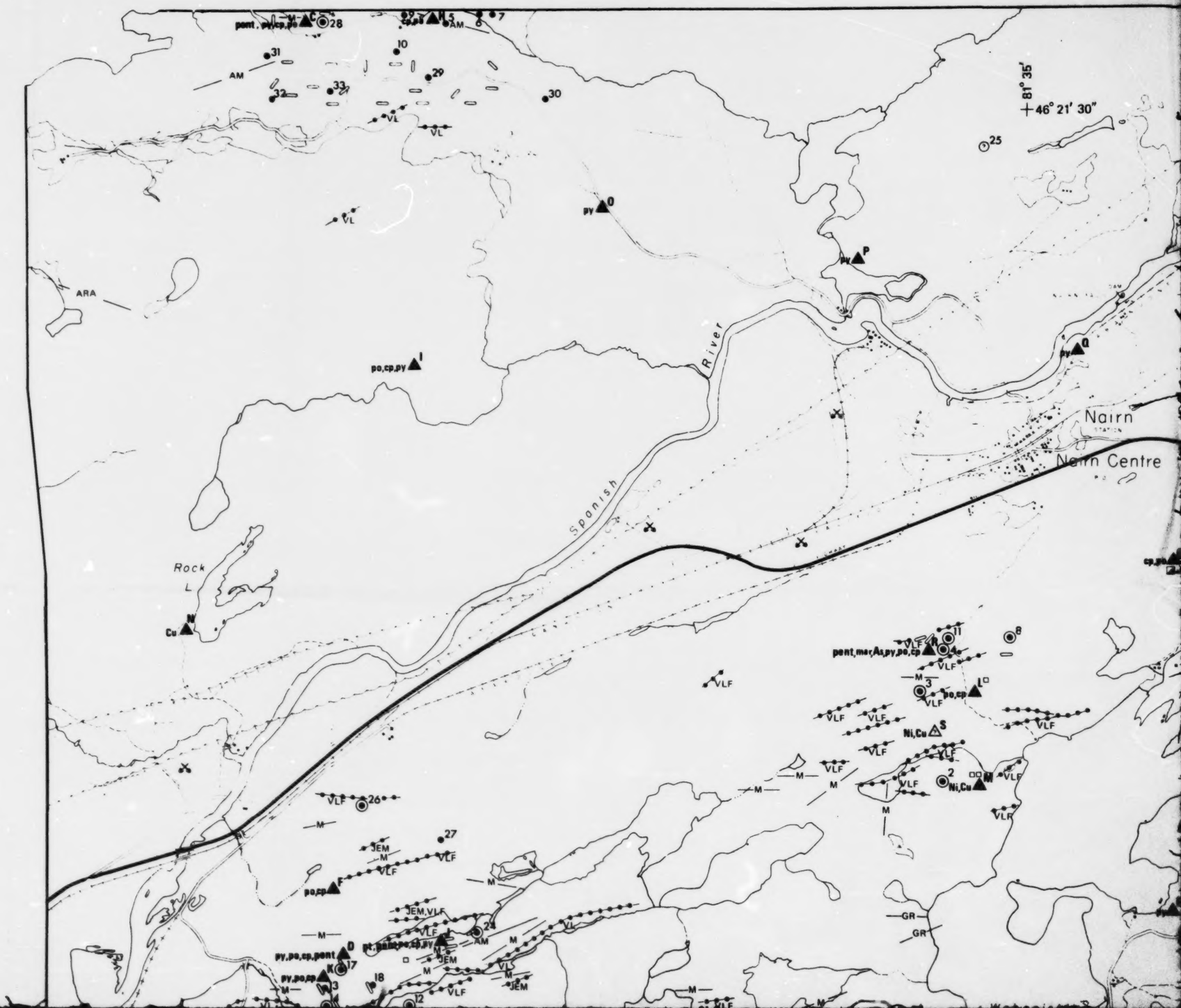
- Geochemical sample site, with reference number
- Area of geochemical sampling, with reference number
- Age dating material sampling site, with reference number
- GC — Geochemical Anomaly

GEOPHYSICAL ANOMALIES

- AM — Airborne Magnetometer Anomaly
- Airborne Electromagnetometer Anomaly
  Length of anomaly along flight line
- Airborne Electromagnetometer Anomaly.
  Location of anomaly along flight line
- Airborne Electromagnetometer Anomaly
  Conductor Axis: definite, probable, possible
- ARA — Airborne Radiometric Anomaly
- M — Ground Magnetometer Anomaly
- VL — Ground Electromagnetometer Anomaly
  (VL - Vertical Loop; HL - Horizontal Loop;
  VLF - Very low freq; Turam; JEM -
  Crone EM - 16)
- RA — Ground Radiometric Anomaly
- IP — Induced Polarization Anomaly
- SP — Self Potential Anomaly
- AFMAG — Audio-frequency magnetometer anomaly
  (total intensity)
- R — Resistivity Anomaly
- GR — Gravity Anomaly
- Radiometric Site

MISCELLANEOUS DATA

- Trenching, pit
- Adit
- Rock quarry
- Sand and/or gravel pit



Ministry of Natural Resources

Ontario

ONTARIO GEOLOGICAL SURVEY

EXPLORATION DATA MAP

GEOLOGICAL DATA INVENTORY FOLIO 256

(Map **2** of **2**)

NAIRN TOWNSHIP

DISTRICT OF SUDBURY

Scale 1:31 680

Mile 0.5 0 0.5 1 Mile

Kilometre 0.5 0 0.5 1 Kilometre

GEOLOGICAL AND MINING SYMBOLS

TYPES OF DATA SHOWN ON THIS MAP

MINERAL OCCURRENCES

- cp A. — Mineral occurrence at surface, with reference letter
- Au A. 84' — Mineral occurrence with shaft, depth given with reference letter
- Ag ? A. — Mineral occurrence reported but exact location uncertain, with reference letter
- cp A. — Mineralized Float with reference letter

DRILL HOLES

- ●² — Location of single drill hole, with reference number
- ◉² — Location of closely spaced group of drill holes, with reference number
- (?)² — Drill hole, exact location uncertain, with reference number.

Geochemical sample site, with reference number

Area of geochemical sampling, with reference number

Age dating material sampling site, with reference number

Geochemical Anomaly

GEOPHYSICAL ANOMALIES

Airborne Magnetometer Anomaly

Airborne Electromagnetometer Anomaly
Length of anomaly along flight line

Airborne Electromagnetometer Anomaly.
Location of anomaly along flight line

Airborne Electromagnetometer Anomaly
Conductor Axis: definite, probable, possible

Airborne Radiometric Anomaly

Ground Magnetometer Anomaly

Ground Electromagnetometer Anomaly
(VL - Vertical Loop; HL - Horizontal Loop;
VLF - Very low freq; Turam; JEM -
Crone EM - 16)

Ground Radiometric Anomaly

Induced Polarization Anomaly

Self Potential Anomaly

Audio-frequency magnetometer anomaly
(total intensity)

Resistivity Anomaly

Gravity Anomaly

Radiometric Site

MISCELLANEOUS DATA

Trenching, pit

Adit

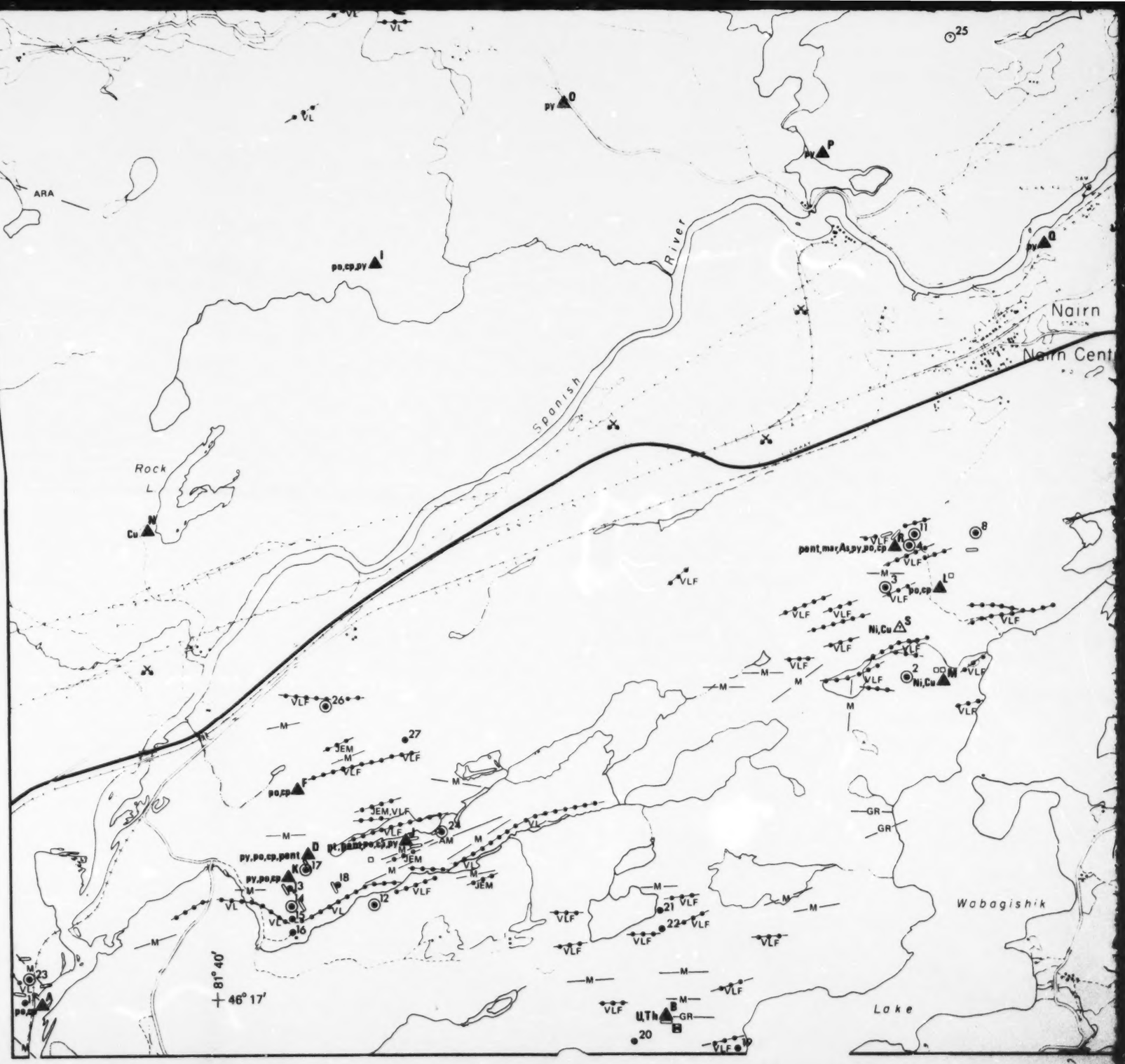
Open pit

Multiple Pits

Rock quarry

Sand and/or gravel pit

NOTE: Consult the text that accompanies this map for pertinent lists of data, references, and abbreviations.



ONTARIO GEOLOGICAL SURVEY

EXPLORATION DATA MAP

GEOLOGICAL DATA INVENTORY FOLIO 256

(Map **2** of **2**)

NAIRN TOWNSHIP

DISTRICT OF SUDBURY

Scale 1:31 680

Mile 0.5 0 0.5 1 Mile

Kilometre 0.5 0 0.5 1 Kilometre

GEOLOGICAL AND MINING SYMBOLS

TYPES OF DATA SHOWN ON THIS MAP

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- Au A. 64' — Mineral occurrence with shaft, depth given with reference letter
- Ag A. — Mineral occurrence reported but exact location uncertain, with reference letter
- cp A. — Mineralized Float with reference letter

DRILL HOLES

- 2 — Location of single drill hole, with reference number
- 2 — Location of closely spaced group of drill holes, with reference number
- (?) 2 — Drill hole, exact location uncertain, with reference number.
- Property with underground drill holes in this general area, with reference number
- 3 — Property with drill holes which have not been plotted on map, with reference number
- 2 — Reverse Circulation Drill Hole; Churn drilling, with reference number

COPIE USE